

Commonwealth of Kentucky
Natural Resources and Environmental Protection Cabinet
Department for Environmental Protection
Division for Air Quality
803 Schenkel Lane
Frankfort, Kentucky 40601
(502) 573-3382

AIR QUALITY PERMIT

Permittee Name: American Greetings Corporation
Mailing Address: P.O. Box 1570
Corbin, Kentucky 40702-3570

Source Name: same as above
Mailing Address: same as above

Source Location: American Greetings Road
Corbin, Kentucky 40701-9803

Permit Type: Federally-enforceable
Review Type: Title V/Synthetic Minor

Permit Number: V-98-049
Log Number: F454
Application
Complete Date: February 6, 1998

KYEIS ID #: 101-2120-0035
AFS Plant ID #: 21-125-00035
SIC Code: 2771

Region: Appalachian
County: Laurel

Issuance Date: July 29, 1999
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SECTION A - PERMIT AUTHORIZATION

Pursuant to a duly submitted application which was determined to be complete on February 6, 1998, the Kentucky Division for Air Quality hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This draft permit has been issued under the provisions of Kentucky Revised Statutes Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first having submitted a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in the Regulation 401 KAR 50:035, Permits.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by this Cabinet or any other federal, state, or local agency.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

03 (A2.1) Five-color Rotogravure Printing Press (#001 Champlain)
04 (A2.2) installed July 1973
05 (A2.3) Natural gas-fired oven
06 (A2.4) 7.5 mmBTU/hr heat input

APPLICABLE REGULATIONS: None

1. **Operating Limitations:** None
2. **Emission Limitations:** None
3. **Testing Requirements:** None
4. **Specific Monitoring Requirements:** None
5. **Specific Record Keeping Requirements:** None
6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS

- 01 (A1.1) Six-color Rotogravure Printing Press (Cerutti Model 38R)
installed November 1978
- 02 (A1.2) Natural gas-fired oven
9.0 mmBTU/hr heat input
- 07 (A3.1) Six-color Rotogravure Printing Press (#822 Champlain)
08 (A3.2) installed October 1969
09 (A3.3) Natural gas-fired oven
10 (A3.4) 9.0 mmBTU/hr heat input
- 37 (B6.1) Six-color Condes Flexographic Printing Press
38 (B6.2) installed August 1970
39 (B6.3) Natural gas-fired oven
0.8 mmBTU/hr heat input

APPLICABLE REGULATIONS:

These presses are not subject to the federal MACT standard, 40 CFR 63 Subpart KK, National Emission Standards for the Printing and Publishing Industry as the company is committing to meet the criteria discussed in 40 CFR 63:820 in establishing itself as an area source. See the record keeping requirements listed below. The state has adopted the federal regulation by reference under state regulation 401 KAR 63:820.

1. **Operating Limitations:** None
2. **Emission Limitations:** None
3. **Testing Requirements:** None
4. **Specific Monitoring Requirements:** None
5. **Specific Record Keeping Requirements:**
In order to maintain the company as an area source with regards to the HAP's record keeping shall be performed in accordance with 40 CFR 63.829 (d). This requires a monthly accounting of the mass of the HAPs used and the mass fraction of HAPs in each HAP-containing material.
6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

- 20 (A4.1) Makeready and Ink Manufacturing
21 (A4.2) (Print unit cleanup)(Kady Mill Tank)
22 (A4.3) installed October 1973
23 (A4.4)
(A4.5)(21-23) Cyclone (the cyclone will not be vented to the outside) for the ink manufacturing process only

APPLICABLE REGULATIONS: Regulation 401 KAR 63:010, Fugitive emissions, is applicable to each apparatus, operation, or road which emits or may emit fugitive emissions provided that the fugitive from such facility are not elsewhere subject to an opacity standard within the regulations of the Division for Air Quality.

1. **Operating Limitations:** None
2. **Emission Limitations:** None
3. **Testing Requirements:** None
4. **Specific Monitoring Requirements:** None
5. **Specific Record Keeping Requirements:** None
6. **Specific Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

- 30 (B1.1) F & K Flexo Press
- 31 (B1.2) six-color flexographic press with topcoat applicator
installed June 1994
- 32 (B1.3) Three natural gas-fired ovens
totalling 2.3 mmBTU/hr for the entire press

Monthly record keeping shall be performed at this emission point

APPLICABLE REGULATIONS: Regulation 401 KAR 59:212, New graphic arts facilities using rotogravure and flexography applies to this printing press. However, it should be noted that Section 3 of the regulation is not applicable to this printing operation as the company has chosen to comply with an exemption as listed in Section 6 of the regulation.

Regulation 401 KAR 63:060, List of hazardous air pollutants, petitions process, lesser quantity designations, and source category list also apply to these presses. There are not any requirements associated with this regulation at this affected facility at this time.

his press is not subject to the federal MACT standard, 40 CFR 63, Subpart KK, National Emission Standards for the Printing and Publishing Industry as the company is committing to meet the criteria discussed in 40 CFR 63:820 in establishing itself as an area source. See the record keeping requirements listed below. The state has adopted the federal regulation by reference under state regulation 401 KAR 63:820.

1. **Operating Limitations:** The limits listed here preclude the company from the applicability of regulation 401 KAR 51:017, Prevention of significant deterioration of air quality.

1. Waterbase inks usage rate shall not exceed 300 pounds/hour.
2. The inks and coatings shall not exceed 10% VOC content.
3. Topcoat lacquer coating usage rate shall not exceed 200 pounds/hour.
4. The VOC emissions from this press shall not exceed 39.31 tons/year.
5. The hours of operation shall not exceed 6,585 hours per year.

- a. In order to be exempt from Section 3, Control provisions, of regulation 59:212, the company has chosen to comply with paragraph (1) of Section 6 of the regulation (Use of water-borne ink whose volatile portion consists of seventy-five (75) volume percent water and twenty-five (25) volume percent organic solvent (or a lower VOC content) in all printing units).

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)**Compliance Demonstration Method:**

If deemed necessary, the Cabinet shall obtain samples of the inks used at this affected facility to verify that the inks meet these requirements. The calculation performed to show compliance with the hourly usage rate limitations listed above shall be the total material usage per month divided by the machine run hours per month.

Records of ink composition may also be used (this method shall not be used to replace sampling). All inks used by the permittee can demonstrate content through the use of MSDS information. If MSDS claims hazardous components are a trade secret, then some other form of documentation will be needed to demonstrate content.

2. **Emission Limitations:** None

3. **Testing Requirements:** None

4. **Specific Monitoring Requirements:**

The hours of operation on the press shall be monitored with an hour meter for each month.

5. **Specific Record Keeping Requirements:**

Daily record keeping required by State Regulation 401 KAR 59:212, Section 4(6), may be changed to monthly upon EPA's approval of the SIP revision request. These records shall include, but not be limited to, the following:

- (a) Applicable regulation number;
- (b) Application method and substrate type;
- (c) Amount and type of graphic arts material or solvent used at each point of application, including exempt compounds;
- (d) The VOC content as applied in each graphic arts material or solvent;
- (e) The date for each application for graphic arts material or solvent; and
- (f) The amount of surface preparation, clean-up, or wash-up solvent (including exempt compounds) used and the VOC content of each;

For the operation of this press the permittee shall keep records of the pounds of each ink and topcoat lacquer used and corresponding VOC contents and hours of operation. At the end of each month VOC emissions shall be calculated and the emission totals shall be summarized and recorded in tons per month and tons per 12 months. Tons per 12 months shall represent a 12-month rolling total. A summary shall be prepared each month showing the pounds per hour, pounds per month and pounds per 12 months of ink and topcoat lacquer used. These records, as well as purchase orders and invoices for the inks shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

In order to maintain the company as an area source with regards to the HAP's record keeping shall be performed in accordance with 40 CFR 63.829 (d). This requires a monthly accounting of the mass of the HAPs used and the mass fraction of HAPs in each HAP-containing material.

6. **Specific Reporting Requirements:** See Section F-7.
Reports containing the summary records discussed above under Specific Record Keeping Requirements shall be filed within 30 days following the end of each calendar quarter.
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

- 33 (B2.1) Serv-o-tec Flexo Presses (2)
34 (B2.2) six-color flexographic presses each with topcoat applicator
presses installed July 1994 and June 1997
with two infrared dryers

Monthly record keeping shall be performed at this emission point

APPLICABLE REGULATIONS: Regulation 401 KAR 59:212, New graphic arts facilities using rotogravure and flexography applies to these printing presses. However, it should be noted that Section 3 of the regulation is not applicable to the flexographic and rotogravure printing operations as the company has chosen to comply with an exemption as listed in Section 6 of the regulation.

Regulation 401 KAR 63:060, List of hazardous air pollutants, petitions process, lesser quantity designations, and source category list also apply to these presses. There are not any requirements associated with this regulation at this affected facility at this time.

Regulation 401 KAR 63:022 (state-origin requirement), New or modified sources emitting toxic air pollutants, applies to the toxic air pollutants being emitted from these two presses. An hourly allowable for the ammonia has been calculated and listed below limiting the emissions of ammonia.

These presses are not subject to the federal MACT standard, 40 CFR 63 Subpart KK, National Emission Standards for the Printing and Publishing Industry as the company is committing to meet the criteria discussed in 40 CFR 63:820 in establishing itself as an area source. See the record keeping requirements listed below. The state has adopted the federal regulation by reference under state regulation 401 KAR 63:820.

1. **Operating Limitations:** The limits listed here preclude the company from the applicability of regulation 401 KAR 51:017, Prevention of significant deterioration of air quality.

1. The printing ink usage shall not exceed 250 pounds/hour for each press.
2. The hours of operation shall not exceed 6,559 hours/year for each press.
3. The inks and coatings shall not exceed 10% VOC content.
4. The VOC emissions from this point shall not exceed 34.9 tons/year for each press.

- a. In order to be exempt from Section 3, Control provisions, of regulation 59:212, the company has chosen to comply with paragraph (1) of Section 6 of the regulation (Use of water-borne ink whose volatile portion consists of seventy-five (75) volume percent water and twenty-five (25) volume percent organic solvent (or a lower VOC content) in printing units).

Compliance Demonstration Method:

If deemed necessary, the Cabinet shall obtain samples of the inks used at an affected facility to verify that the inks meet these requirements. The calculation performed to show compliance with the hourly usage rate limitations listed above shall be the total material usage

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

rate per month divided by the machine run hours per month.

Records of ink composition may also be used (this method shall not be used to replace sampling). All inks used by the permittee can demonstrate content through the use of MSDS information. If MSDS claims hazardous components are a trade secret, then some other form of documentation will be needed to demonstrate content.

2. Emission Limitations:

Emissions of ammonia shall not exceed 3.81 pounds/hour for each press (state-origin requirement).

3. Testing Requirements: None**4. Specific Monitoring Requirements:**

The hours of operation on the press shall be monitored with an hour meter for each month.

5. Specific Record Keeping Requirements:

Daily record keeping required by State Regulation 401 KAR 59:212, Section 4(6), may be changed to monthly upon EPA's approval of the SIP revision request. These records shall include, but not be limited to, the following:

- (a) Applicable regulation number;
- (b) Application method and substrate type;
- (c) Amount and type of graphic arts material or solvent used at each point of application, including exempt compounds;
- (d) The VOC content as applied in each graphic arts material or solvent;
- (e) The date for each application for graphic arts material or solvent; and
- (f) The amount of surface preparation, clean-up, or wash-up solvent (including exempt compounds) used and the VOC content of each;

For the operation of this press the permittee shall keep records of the pounds of each ink used and corresponding VOC contents and hours of operation. At the end of each month VOC emissions shall be calculated and the emission totals shall be summarized and recorded in tons per month and tons per 12 months. Tons per 12 months shall represent a 12-month rolling total. A summary shall be prepared each month showing the pounds per hour, pounds per month and pounds per 12 months of ink used. These records, as well as purchase orders and invoices for the inks shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.

In order to maintain the company as an area source with regards to the HAP's record keeping shall be performed in accordance with 40 CFR 63.829 (d). This requires a monthly accounting of the mass of the HAPs used and the mass fraction of HAPs in each HAP-containing material.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

6. **Specific Reporting Requirements:** See Section F-7.
Reports containing the summary records discussed above under Specific Record Keeping Requirements shall be filed within 30 days following the end of each calendar quarter.
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

35 (B3.1) Mark Andy Flexo Press
six-color flexographic label press
installed August 1983
with electric oven

APPLICABLE REGULATIONS: Regulation 401 KAR 59:212, New graphic arts facilities using rotogravure and flexography applies to these printing presses. However, it should be noted that Section 3 of the regulation is not applicable to the flexographic and rotogravure printing operations as the company has chosen to comply with an exemption as listed in Section 6 of the regulation.

Regulation 401 KAR 63:060, List of hazardous air pollutants, petitions process, lesser quantity designations, and source category list also apply to these presses. There are not any requirements associated with this regulation at this affected facility at this time.

1. **Operating Limitations:**

a. In order to be exempt from Section 3, Control provisions, of regulation 59:212, the company has chosen to comply with paragraph (1) of Section 6 of the regulation (Use of water-borne ink whose volatile portion consists of seventy-five (75) volume percent water and twenty-five (25) volume percent organic solvent (or a lower VOC content) in printing units).

2. **Emission Limitations:** None

3. **Testing Requirements:** None

4. **Specific Monitoring Requirements:** None

5. **Specific Record Keeping Requirements:**

Daily record keeping required by State Regulation 401 KAR 59:212, Section 4(6), may be changed to monthly upon EPA's approval of the SIP revision request. These records shall include, but not be limited to, the following:

- (a) Applicable regulation number;
- (b) Application method and substrate type;
- (c) Amount and type of graphic arts material or solvent used at each point of application, including exempt compounds;
- (d) The VOC content as applied in each graphic arts material or solvent;
- (e) The date for each application for graphic arts material or solvent; and
- (f) The amount of surface preparation, clean-up, or wash-up solvent (including exempt compounds) used and the VOC content of each;

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

6. Specific Reporting Requirements: See Section F-7
7. Specific Control Equipment Operating Conditions: None
8. Alternate Operating Scenarios: None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

36 (B4.1) Kidder Flexo Press (Kidder Stacy Centraflex 672)
six-color flexographic printing press
one natural gas-fired drying oven
1.6 mmBTU/hr heat input
press installed December 1978

Monthly record keeping shall be performed at this emission point

APPLICABLE REGULATIONS: Regulation 401 KAR 59:212, New graphic arts facilities using rotogravure and flexography applies to these printing presses. However, it should be noted that Section 3 of the regulation is not applicable to the flexographic and rotogravure printing operations as the company has chosen to comply with an exemption as listed in Section 6 of the regulation.

Regulation 401 KAR 63:060, List of hazardous air pollutants, petitions process, lesser quantity designations, and source category list also apply to these presses. There are not any requirements associated with this regulation at this affected facility at this time.

Regulation 401 KAR 63:022 (state-origin requirement), New or modified sources emitting toxic air pollutants, applies to the toxic air pollutants being emitted from these two presses. An hourly allowable for the ammonia has been calculated and listed below limiting the emissions of ammonia.

This press is not subject to the federal MACT standard, Subpart KK, National Emission Standards for the Printing and Publishing Industry as the company is committing to meet the criteria discussed in 40 CFR 63:820 in establishing itself as an area source. See the record keeping requirements listed below. The state has adopted the federal regulation by reference under state regulation 401 KAR 63:820.

1. Operating Limitations:

1. Ammonia content of the ink shall not exceed 4% by weight.

a. In order to be exempt from Section 3, Control provisions, of regulation 59:212, the company has chosen to comply with paragraph (1) of Section 6 of the regulation (Use of water-borne ink whose volatile portion consists of seventy-five (75) volume percent water and twenty-five (25) volume percent organic solvent (or a lower VOC content) in all printing units).

2. Emission Limitations:

Emissions of ammonia shall not exceed 25.2 pounds/hour (state-origin requirement).

Compliance Demonstration Method:

If deemed necessary, the Cabinet shall obtain samples of the inks used at this affected facility to verify that the ammonia content of the ink meets these requirements. The calculation performed to demonstrate compliance with the hourly allowable emission rate limitations listed above for ammonia shall be the total material usage rate per month divided by the machine run hours per month multiplied by the percentage of ammonia content in the ink.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

That calculated value shall not exceed 25.2 pounds per hour.

3. **Testing Requirements:** None

4. **Specific Monitoring Requirements:**

The machine run hours shall be monitored in order to determine compliance with the ammonia hourly allowable.

5. **Specific Record Keeping Requirements:**

Daily record keeping required by State Regulation 401 KAR 59:212, Section 4(6), may be changed to monthly upon EPA's approval of the SIP revision request. These records shall include, but not be limited to, the following:

- (a) Applicable regulation number;
- (b) Application method and substrate type;
- (c) Amount and type of graphic arts material or solvent used at each point of application, including exempt compounds;
- (d) The VOC content as applied in each graphic arts material or solvent;
- (e) The date for each application for graphic arts material or solvent; and
- (f) The amount of surface preparation, clean-up, or wash-up solvent (including exempt compounds) used and the VOC content of each;

In order to maintain the company as an area source with regards to the HAP's record keeping shall be performed in accordance with 40 CFR 63.829 (d). This requires a monthly accounting of the mass of the HAPs used and the mass fraction of HAPs in each HAP-containing material.

6. **Specific Reporting Requirements:** See Section F-7.

7. **Specific Control Equipment Operating Conditions:** None

8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

B5 (B5.1) Aquaflex Sticker Press
seven-color flexographic printing press
(Printing station 1-5 are lithographic and are not subject to regulation)
(Printing stations 6 and 7 are flexographic and are subject to 59:212)
and electric oven
installed September 1995

Monthly record keeping shall be performed at this emission point

APPLICABLE REGULATIONS: Regulation 401 KAR 59:212, New graphic arts facilities using rotogravure and flexography applies to these printing presses. However, it should be noted that Section 3 of the regulation is not applicable to the flexographic and rotogravure printing operations as the company has chosen to comply with an exemption as listed in Section 6 of the regulation.

Regulation 401 KAR 63:060, List of hazardous air pollutants, petitions process, lesser quantity designations, and source category list also apply to these presses. There are not any requirements associated with this regulation at this affected facility at this time.

1. Operating Limitations:

1. The hours of operation shall not exceed 5,949 hours/year for this press.
2. The VOC emissions from this point shall not exceed 16.4 tons/year.

a. In order to be exempt from Section 3, Control provisions, of regulation 59:212, the company has chosen to comply with paragraph (1) of Section 6 of the regulation (Use of water-borne ink whose volatile portion consists of seventy-five (75) volume percent water and twenty-five (25) volume percent organic solvent (or a lower VOC content) in all printing units).

2. Emission Limitations: None

3. Testing Requirements: None

4. Specific Monitoring Requirements: None

5. Specific Record Keeping Requirements:

Daily record keeping required by State Regulation 401 KAR 59:212, Section 4(6), may be changed to monthly upon EPA's approval of the SIP revision request. These records shall include, but not be limited to, the following:

- (a) Applicable regulation number;
- (b) Application method and substrate type;
- (c) Amount and type of graphic arts material or solvent used at each point of application, including exempt compounds;
- (d) The VOC content as applied in each graphic arts material or solvent;

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

- (e) The date for each application for graphic arts material or solvent; and
- (f) The amount of surface preparation, clean-up, or wash-up solvent (including exempt compounds) used and the VOC content of each;

- 6. **Specific Reporting Requirements:** See Section F-7.
- 7. **Specific Control Equipment Operating Conditions:** None
- 8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

- 50 (C1.1) Komori Litho Presses (2)
- 51 (C1.2) with flexographic stations (2)
- 52 (C1.3) with electric ovens (2)
- 53 (C1.4) presses installed May 1996 and December 1997
- 54 (C1.5) Starch Powder Collection

Monthly record keeping shall be performed at this emission point

APPLICABLE REGULATIONS: Regulation 401 KAR 59:212, New graphic arts facilities using rotogravure and flexography applies to these printing presses. However, it should be noted that Section 3 of the regulation is not applicable to the flexographic and rotogravure printing operations as the company has chosen to comply with an exemption as listed in Section 6 of the regulation.

Regulation 401 KAR 63:060, List of hazardous air pollutants, petitions process, lesser quantity designations, and source category list also apply to these presses. There are not any requirements associated with this regulation at this affected facility at this time.

Regulation 401 KAR 59:010, New process operations, applies to the PM emissions from the starch collection systems at emission points C1, C2 and C3.

These presses are not subject to the federal MACT standard, Subpart KK, National Emission Standards for the Printing and Publishing Industry as the company is committing to meet the criteria discussed in 40 CFR 63:820 in establishing itself as an area source. See the record keeping requirements listed below. The state has adopted the federal regulation by reference under state regulation 401 KAR 63:820.

1. **Operating Limitations:** The limits listed here preclude the company from the applicability of regulation 401 KAR 51:017, Prevention of significant deterioration of air quality.

- 1. Maximum litho ink usage rates shall not exceed 32.5 pounds/hour/station.
 - 2. Maximum UV coating usage rates shall not exceed 81 pounds/hour/station.
 - 3. Maximum waterbase specialized ink usage rates shall not exceed 55 pounds/hour/station.
 - 4. The waterbase inks and coatings shall not exceed 10% VOC content.
 - 5. The VOC emissions from this point shall not exceed 28.49 tons/year for each press.
 - 6. The hours of operation shall not exceed 6,072 hours per year for each press.
- a. In order to be exempt from Section 3, Control provisions, of regulation 59:212, the company has chosen to comply with paragraph (1) of Section 6 of the regulation (Use of water-borne ink whose volatile portion consists of seventy-five (75) volume percent water and twenty-five (25) volume percent organic solvent (or a lower VOC content) in all printing units).

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)**Compliance Demonstration Method:**

If deemed necessary, the Cabinet shall obtain samples of the inks used at an affected facility to verify that the inks meet these requirements. Compliance with the usage rate limitations shall be demonstrated monthly by dividing the total pounds of individual material used by the product of the total press run hours and the number of stations on each press. Records of ink composition may also be used (this method shall not be used to replace sampling). All inks used by the permittee can demonstrate content through the use of MSDS information.

If MSDS claims hazardous components are a trade secret, then some other form of documentation will be needed to demonstrate content.

2. **Emission Limitations:** Regulation 401 KAR 59:010, Section 3
 1. Particulate emissions shall not exceed 2.34 pounds/hour as required by this regulation.
 2. Visible emissions shall not equal or exceed 20% opacity.
 3. VOC emissions shall not equal or exceed 40 tons during any 12 consecutive month period.
3. **Testing Requirements:** None
4. **Specific Monitoring Requirements:**

The hours of operation on the press shall be monitored with an hour meter for each month.
5. **Specific Record Keeping Requirements:**

Daily record keeping required by State Regulation 401 KAR 59:212, Section 4(6), may be changed to monthly upon EPA's approval of the SIP revision request. These records shall include, but not be limited to, the following:

 - (a) Applicable regulation number;
 - (b) Application method and substrate type;
 - (c) Amount and type of graphic arts material or solvent used at each point of application, including exempt compounds;
 - (d) The VOC content as applied in each graphic arts material or solvent;
 - (e) The date for each application for graphic arts material or solvent; and
 - (f) The amount of surface preparation, clean-up, or wash-up solvent (including exempt compounds) used and the VOC content of each;

For the operation of this press the permittee shall keep records of the pounds of each type of ink, coating, wash, and thinning agent used and corresponding VOC contents and hours of operation. At the end of each month VOC emissions shall be calculated and the emission totals shall be summarized and recorded in tons per month and tons per 12 months. Tons per 12 months shall represent a 12 month rolling total. A summary shall be prepared each month showing the pounds per hour, pounds per month and pounds per 12 months of the aforementioned materials used. These records, as well as purchase orders and invoices for the inks shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

In order to maintain the company as an area source with regards to the HAP's record keeping shall be performed in accordance with 40 CFR 63.829 (d). This requires a monthly accounting of the mass of the HAPs used and the mass fraction of HAPs in each HAP-containing material.

6. **Specific Reporting Requirements:** See Section F-7.
Reports containing the summary records discussed above under Specific Record Keeping Requirements shall be filed within 30 days following the end of each calendar quarter.
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

- 54 (C2.1) Komori Litho Presses (3)
(C2.2) with flexographic stations (3)
(C2.3) with electric ovens (3)
air makeup unit
presses installed November 1991, April 1994, July 1994
(C2.4) Starch Powder Collection
Monthly record keeping shall be performed at this emission point

APPLICABLE REGULATIONS: Regulation 401 KAR 59:212, New graphic arts facilities using rotogravure and flexography applies to these printing presses. However, it should be noted that Section 3 of the regulation is not applicable to the flexographic and rotogravure printing operations as the company has chosen to comply with an exemption as listed in Section 6 of the regulation.

Regulation 401 KAR 63:060, List of hazardous air pollutants, petitions process, lesser quantity designations, and source category list also apply to these presses. There are not any requirements associated with this regulation at this affected facility at this time.

Regulation 401 KAR 59:010, New process operations, applies to the PM emissions from the starch collection systems at emission points C1, C2 and C3.

These presses are not subject to the federal MACT standard, Subpart KK, National Emission Standards for the Printing and Publishing Industry as the company is committing to meet the criteria discussed in 40 CFR 63:820 in establishing itself as an area source. See the record keeping requirements listed below. The state has adopted the federal regulation by reference under state regulation 401 KAR 63:820.

1. Operating Limitations:

- a. In order to be exempt from Section 3, Control provisions, of regulation 59:212, the company has chosen to comply with paragraph (1) of Section 6 of the regulation (Use of water-borne ink whose volatile portion consists of seventy-five (75) volume percent water and twenty-five (25) volume percent organic solvent (or a lower VOC content) in all printing units).

2. Emission Limitations: Regulation 401 KAR 59:010, Section 3.

1. Particulate emissions shall not exceed 2.34 pounds/hour as required by this regulation.
2. Visible emissions shall not equal or exceed 20% opacity.

3. Testing Requirements: None

4. Specific Monitoring Requirements: None

5. Specific Record Keeping Requirements:

Daily record keeping required by State Regulation 401 KAR 59:212, Section 4(6), may be changed to monthly upon EPA's approval of the SIP revision request.

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

These records shall include, but not be limited to, the following:

- (a) Applicable regulation number;
- (b) Application method and substrate type;
- (c) Amount and type of graphic arts material or solvent used at each point of application, including exempt compounds;
- (d) The VOC content as applied in each graphic arts material or solvent;
- (e) The date for each application for graphic arts material or solvent;and
- (f) The amount of surface preparation, clean-up, or wash-up solvent (including exempt compounds) used and the VOC content of each;

In order to maintain the company as an area source with regards to the HAP's record keeping shall be performed in accordance with 40 CFR 63.829(d). This requires a monthly accounting of the mass of the HAPs used and the mass fraction of HAPs in each HAP-containing material.

- 6. **Specific Reporting Requirements:** See Section F-7.
- 7. **Specific Control Equipment Operating Conditions:** None
- 8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

- 54 (C3.1) Nebiolo Litho Presses (2)
(C3.3) with flexographic stations (2)
with electric ovens (2)
air makeup unit
presses installed in 1984 and 1985
(C3.2, C3.4) Starch Powder Collection

APPLICABLE REGULATIONS: Regulation 401 KAR 59:212, New graphic arts facilities using rotogravure and flexography applies to these printing presses. However, it should be noted that Section 3 of the regulation is not applicable to the flexographic and rotogravure printing operations as the company has chosen to comply with an exemption as listed in Section 6 of the regulation.

Regulation 401 KAR 63:060, List of hazardous air pollutants, petitions process, lesser quantity designations, and source category list also apply to these presses. There are not any requirements associated with this regulation at this affected facility at this time.

Regulation 401 KAR 59:010, New process operations, applies to the PM emissions from the starch collection systems at emission points C1, C2 and C3.

1. Operating Limitations:

- a. In order to be exempt from Section 3, Control provisions, of regulation 59:212, the company has chosen to comply with paragraph (1) of Section 6 of the regulation (Use of water-borne ink whose volatile portion consists of seventy-five (75) volume percent water and twenty-five (25) volume percent organic solvent (or a lower VOC content) in all printing units).

2. Emission Limitations: Regulation 401 KAR 59:010, Section 3.

1. Particulate emissions shall not exceed 2.34 pounds/hour as required by this regulation.
2. Visible emissions shall not equal or exceed 20% opacity.

3. Testing Requirements: None

4. Specific Monitoring Requirements: None

5. Specific Record Keeping Requirements:

Daily record keeping required by State Regulation 401 KAR 59:212, Section 4(6), may be changed to monthly upon EPA's approval of the SIP revision request. These records shall include, but not be limited to, the following:

- (a) Applicable regulation number;
- (b) Application method and substrate type;
- (c) Amount and type of graphic arts material or solvent used at each point of application, including exempt compounds;

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

- (d) The VOC content as applied in each graphic arts material or solvent;
- (e) The date for each application for graphic arts material or solvent;and
- (f) The amount of surface preparation, clean-up, or wash-up solvent (including exempt compounds) used and the VOC content of each;

- 6. **Specific Reporting Requirements:** See Section F-7.
- 7. **Specific Control Equipment Operating Conditions:** None
- 8. **Alternate Operating Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

Z1 (Z1.1) Sellers 77 Comodore
 natural gas-fired steam boiler
 Indirect heat exchanger
 3.348 mmBTU/hr heat input
 installed November 1984

Z2 (Z2.1) HB Smith Model 28
 natural gas-fired steam boiler
 Indirect heat exchanger
 2.548 mmBTU/hr heat input
 installed May 1984

Z3 (Z3.1) HB Smith Model 28
 natural gas-fired water boiler
 Indirect heat exchanger
 3.5 mmBTU/hr heat input
 installed May 1984

APPLICABLE REGULATIONS: State regulation 401 KAR 59:015, New indirect heat exchangers, applies to these boilers. There are PM and SO₂ emission limitations which are listed below.

1. **Operating Limitations:** None
2. **Emission Limitations:** Particulate emissions shall not exceed 0.56 lb/mmBTU for each boiler.
 Sulfur dioxide emissions shall not exceed 3.00 lb/mmBTU for each boiler.
 Visible emissions shall not exceed 20% opacity for each boiler.
It should be noted that it is assumed that compliance is being achieved and maintained at the boilers because they are combusting natural gas.
3. **Testing Requirements:** None
4. **Monitoring Requirements:** None
5. **Specific Record Keeping Requirements:** None
6. **Specific Reporting Requirements:** See Section F-7.
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternate Operating Scenario:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

Z4 (Z4.1) Miscellaneous natural gas-fired units consisting of:

Hydrotherm: 0.3 mmBTU/hr heat input

Cleaver Brooks: 0.5 mmBTU/hr heat input

Rudd: 0.815 mmBTU/hr heat input

Rudd: 0.625 mmBTU/hr heat input

Propane P5.0: 0.4 mmBTU/hr heat input

State hot water heater: 0.2 mmBTU/hr heat input

107 miscellaneous natural gas-fired heaters: 34.7 mmBTU/hr heat input total

APPLICABLE REGULATIONS: None

1. **Operating Limitations:** None
2. **Emission Limitations:** None
3. **Testing Requirements:** None
4. **Monitoring Requirements:** None
5. **Recordkeeping Requirements:** None
6. **Reporting Requirements:** None
7. **Specific Control Equipment Operating Conditions:** None
8. **Alternating Operation Scenarios:** None

SECTION B - EMISSION POINTS, AFFECTED FACILITIES, APPLICABLE REGULATIONS, AND OPERATING CONDITIONS (continued)

GROUP Requirements

NONE

SECTION C - INSIGNIFICANT ACTIVITIES

The following listed activities have been determined to be insignificant activities for this source pursuant to Regulation 401 KAR 50:035, Section 5(4). While these activities are designated as insignificant the permittee must comply with the applicable regulation.

	<u>Description</u>	<u>Generally Applicable Regulation</u>
(A0-01)	Six Moeller Rollwrappers 3,900 rolls giftwrap/hr each	401 KAR 63:010, Fugitive emissons
(A0-02)	Six Elsner Rollwrappers 400 rolls giftwrap/hr each	401 KAR 63:010, Fugitive emissons
(A0-03)	Two Ilapak O/W (packs two rolls giftwrap in one pkg) 3,000 pkgs/hr	401 KAR 63:010, Fugitive emissons
(A0-04)	Seven Label UPC Printers 2,100 ft/hr each	401 KAR 63:010, Fugitive emissons
(A0-05)	Four Flatwrap O/W/Unitizers 6,720 Flatwrap pkgs/hr each	401 KAR 59:010, New process operations
(A0-06)	Two Tissue Folder/Bagger 10,020 pkgs/hr each	401 KAR 63:010, Fugitive emissons
(A0-07)	Two Rollwrap Casepackers 840 cases/hr each	401 KAR 63:010, Fugitive emissons
(A0-08)	One Litho Ink (mix and mill litho inks) including particulate baghouse	401 KAR 63:010, Fugitive emissons 401 KAR 59:010, New process operations
(A0-09)	One Gravure waterbase cleanup area 6 print units/hr	401 KAR 63:010, Fugitive emissons 401 KAR 59:010, New process operations
(A0-10)	One Parts Washer	401 KAR 63:010, Fugitive emissons
(A0-15)	One 6,000 gallon UST- nitrocellulose lacquer	401 KAR 63:010, Fugitive emissons
(A0-16)	One 5,000 gallon AST- waste solvent	401 KAR 63:010, Fugitive emissons
(A0-17)	One Paper Baler	401 KAR 59:010, New process operations

SECTION C - INSIGNIFICANT ACTIVITIES (continued)

(B0-01)	One Sticker O/W 222 pkgs/hr	401 KAR 63:010, Fugitive emissions
(B0-02)	Four Napkin O/W 3,700- 4,200 pkgs/hr each	401 KAR 63:010, Fugitive emissions
(B0-03)	One Tablecover O/W Unitizer 1,620 Tablecovers/hr	401 KAR 59:010, New process operations
(B0-04)	Two Paper Cup Unitizers 150 units/hr each	401 KAR 59:010, New process operations
(B0-05)	One Plate Stock Moistener 13,000 ft/hr	401 KAR 59:010, New process operations
(B0-06)	Five Paper Plate O/W and Unitizer 210 units/hr each	401 KAR 59:010, New process operations 401 KAR 63:010, Fugitive emissions
(B0-07)	Waterbase Ink Mfg. (Mix W/B inks to get proper color ink)	401 KAR 63:010, Fugitive emissions
(B0-08)	One Holweg Paper Bag Machine	401 KAR 63:010, Fugitive emissions
(B0-09)	One Pot Devin Paper Bag Machine 36,000 Bags/hr	401 KAR 63:010, Fugitive emissions
(B0-10)	Four Label UPC Printers 2,100 ft/hr each	401 KAR 63:010, Fugitive emissions
(B0-11)	Six Napkin Presses 12M-35M PCs/hr each	401 KAR 63:010, Fugitive emissions
(B0-12)	Eight Cyrel Platemaking	401 KAR 63:010, Fugitive emissions
(C0-01)	Two Silverlith Plate Processors 9 plates/hr each	401 KAR 63:010, Fugitive emissions

SECTION C - INSIGNIFICANT ACTIVITIES (continued)

(C0-03)	One Miller Bronzer w/ bronze collector 2,500 sheets/hr	401 KAR 63:010, Fugitive emissons 401 KAR 59:010, New process operations
(C0-04)	One Komori w/ Bronzer and starch collector 5,200 sheets/hr	401 KAR 63:010, Fugitive emissons 401 KAR 59:010, New process operations
(C0-05)	One Jagenburg sheeter 68,400 sheets/hr	401 KAR 63:010, Fugitive emissons
(C0-06)	One- 8,000 Gallon AST Waterbase coating	401 KAR 63:010, Fugitive emissons
(C0-07)	One- 3.5 million BTU/hr Hot water boiler	401 KAR 63:010, Fugitive emissons 401 KAR 59:010, New process operations
(C0-08)	One- 2.5 million BTU/hr Steam boiler	401 KAR 63:010, Fugitive emissons 401 KAR 59:010, New process operations
(D0-01)	56 Wax Holding Tanks for candle mfg.	401 KAR 63:010, Fugitive emissons
(D0-02)	One- 8" Taper O/W 4,200 candles/hr	401 KAR 63:010, Fugitive emissons
(D0-03)	One- 12" Taper O/W 2,400 candles/hr	401 KAR 63:010, Fugitive emissons
(D0-04)	One- 10" Fluted Column O/W 3,600 candles/hr	401 KAR 63:010, Fugitive emissons
(D0-05)	One- 3.33 million BTU/hr Sellers steam boiler	401 KAR 63:010, Fugitive emissons 401 KAR 59:010, New process operations
(D0-06)	One- 0.3 million BTU/hr Hot water boiler (Hydrotherm)	401 KAR 63:010, Fugitive emissons 401 KAR 59:010, New process operations
(D0-07)	One- 0.5 million BTU/hr Hot water boiler (Cleaver Brooks)	401 KAR 63:010, Fugitive emissons 401 KAR 59:010, New process operations
(D0-08)	One Smog Hog on 8" Taper O/W 4,280 candles/hr	401 KAR 59:010, New process operations
(D0-09)	Four Label UPC Printers 2,100 ft/hr each	401 KAR 63:010, Fugitive emissons

SECTION C - INSIGNIFICANT ACTIVITIES (continued)

(D0-10)	One Pillar Candle Finishing Line 780 candles/hr	401 KAR 59:010, New process operations
(D0-11)	One Amsco Plastic Bag Maker 3,000 bags/hr	401 KAR 59:010, New process operations
(D0-12)	Three Injection Molding Machines 300 lbs/hr each	401 KAR 63:010, Fugitive emissions
(D0-13)	Two Blown Film Lines 350 lbs/hr each	401 KAR 63:010, Fugitive emissions
(D0-14)	Two Corona Treaters w/ Ozone Eliminator	401 KAR 63:010, Fugitive emissions
(D0-15)	One Parts Washer	401 KAR 63:010, Fugitive emissions
(D0-16)	One Sheet Extruder (Polystyrene)- 1,200 lbs/hr	401 KAR 59:010, New process operations
(D0-17)	One Sheetline Plastics Grinder 3,000 lbs/hr	401 KAR 63:010, Fugitive emissions
(D0-18)	Plastics Transfer System 5,000 lbs/hr	401 KAR 59:010, New process operations
(D0-19)	One Dusenberry Slitter 60,000 ft/hr	401 KAR 63:010, Fugitive emissions
(D0-20)	One Degreaser Using Soap/Water for cleaning	401 KAR 63:010, Fugitive emissions
(D0-21)	One Parts Cleaning Oven for Plastic Extruders	401 KAR 59:010, New process operations
(D0-22)	One Edgetrim Reclaim System 30 lbs/hr	401 KAR 59:010, New process operations
(D0-23)	Laboratory	401 KAR 63:010, Fugitive emissions
(D0-24)	One press wax pillar production and packaging line - 2,000 units/hr	401 KAR 59:010, New process operations 401 KAR 63:010, Fugitive emissions
(D0-25)	One press wax votive production and packaging line - 15,000 units/hr	401 KAR 63:010, Fugitive emissions

SECTION C - INSIGNIFICANT ACTIVITIES (continued)

(E0-01)	One Metro/Marbury Flatwrap O/W 6,720 pkgs/hr	401 KAR 59:010, New process operations
(E0-02)	Five Auto Reeler-Spooling Machines 360 units/hr each	401 KAR 59:010, New process operations
(E0-03)	Two Label UPC Printers 2,100 ft/hr each	401 KAR 63:010, Fugitive emissions
(E0-04)	28 Confetti Dump Bow Antistat Applicators 240 bows/hr each	401 KAR 63:010, Fugitive emissions
(E0-05)	21 Confetti Hang Bow Antistat Applicators	401 KAR 63:010, Fugitive emissions
(E0-06)	4 Star/Jumbo Bow Antistat Applicators 180-360 bows/hr each	401 KAR 63:010, Fugitive emissions
(E0-07)	10 Tiny bow Antistat Applicators 480 bows/hr each	401 KAR 63:010, Fugitive emissions
(F0-01)	107 Space Heaters 0.075-0.4 mmBTU/hr each	401 KAR 63:010, Fugitive emissions 401 KAR 59:010, New process operations
(F0-02)	One Beckert Wastewater Treatment System 1,400 gal. Waste Ink/day	401 KAR 63:010, Fugitive emissions
(F0-03)	One Parts Washer	401 KAR 63:010, Fugitive emissions
(F0-04)	One Paper Baler 17,280 lbs/hr	401 KAR 63:010, Fugitive emissions
(F0-05)	One Trash Compactor 18,150 lbs/hr	401 KAR 63:010, Fugitive emissions
(F0-06)	One Plastics Baler 6,438 lbs/hr	401 KAR 63:010, Fugitive emissions
(G0-01)	One - 10,000 gal. AST Diesel Fuel	401 KAR 63:010, Fugitive emissions

SECTION C - INSIGNIFICANT ACTIVITIES (continued)

(G0-02) One - 1,000 gal. AST
Gasoline

401 KAR 63:010, Fugitive emissions

SECTION D - SOURCE EMISSION LIMITATIONS AND TESTING REQUIREMENTS

1. Compliance with annual emissions and processing limitations imposed pursuant to 401 KAR 50:035, Section 7(1)(a), and contained in this permit, shall be based on emissions and processing rates for any twelve (12) consecutive months.

SECTION E - SOURCE CONTROL EQUIPMENT REQUIREMENTS

1. Pursuant to 401 KAR 50:055, Section 2(5), at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the cabinet which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS

1. When continuing compliance is demonstrated by periodic testing or instrumental monitoring, the permittee shall compile records of required monitoring information that include:
 - a) Date, place as defined in this permit, and time of sampling or measurements.
 - b) Analyses performance dates;
 - c) Company or entity that performed analyses;
 - d) Analytical techniques or methods used;
 - e) Analyses results; and
 - f) Operating conditions during time of sampling or measurement;
2. Records of all required monitoring data and support information, including calibrations, maintenance records, and original strip chart recordings, and copies of all reports required by the Division for Air Quality, shall be retained by the permittee for a period of five years and shall be made available for inspection upon request by any duly authorized representative of the Division for Air Quality.
3. In accordance with the requirements of Regulation 401 KAR 50:035, Permits Section 7(2)(c) the permittee shall allow the Cabinet or authorized representatives to perform the following:
 - a) Enter upon the premises where a source is located or emissions-related activity is conducted, or where records are kept;
 - b) Have access to and copy, at reasonable times, any records required by the permit:
 - i) During normal office hours, and
 - ii) During periods of emergency when prompt access to records is essential to proper assessment by the Cabinet;
 - c) Inspect, at reasonable times, any facilities, equipment (including monitoring and pollution control equipment), practices, or operations required by the permit. Reasonable times shall include, but are not limited to the following:
 - i) During all hours of operation at the source,
 - ii) For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
 - iii) During an emergency; and
 - d) Sample or monitor, at reasonable times, substances or parameters to assure compliance with the permit or any applicable requirements. Reasonable times shall include, but are not limited to the following:
 - i) During all hours of operation at the source,
 - ii) For all sources operated intermittently, during all hours of operation at the source and the hours between 8:00 a.m. and 4:30 p.m., Monday through Friday, excluding holidays, and
 - iii) During an emergency.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (continued)

4. No person shall obstruct, hamper, or interfere with any Cabinet employee or authorized representative while in the process of carrying out official duties. Refusal of entry or access may constitute grounds for permit revocation and assessment of civil penalties.
5. Reports of any monitoring required by this permit shall be reported to the Division's London Regional Office no later than the six month anniversary date of this permit and every six months thereafter during the life of this permit, unless otherwise specifically stated in this permit. All reports shall be certified by a responsible official pursuant to Section 6(1) of Regulation 401 KAR 50:035, Permits. All deviations from permit requirements shall be clearly identified in the reports.
6.
 - a. In accordance with the provisions of Regulation 401 KAR 50:055, Section 1, the owner or operator shall notify the Division for Air Quality's London Regional Office concerning startups, shutdowns, or malfunctions as follows:
 1. When emissions during any planned shutdowns and ensuing startups will exceed the standards notification shall be made no later than three (3) days before the planned shutdown, or immediately following the decision to shut down, if the shutdown is due to events which could not have been foreseen three (3) days before the shutdown.
 2. When emissions due to malfunctions, unplanned shutdowns and ensuing startups are or may be in excess of the standards notification shall be made as promptly as possible by telephone (or other electronic media) and shall cause written notice upon request.
 - b. In accordance with the provisions of Regulation 401 KAR 50:035, Section 7(1)(e)2, the owner or operator shall report deviations from permit requirements including those attributed to upset conditions (other than emission exceedances covered by general condition 6 a. above) to the Division for Air Quality's London Regional Office with the required quarterly reports (emission points 30, 33 and 50). Pertaining to deviations for which a reporting frequency is not elsewhere specified in this permit the semi-annual reports according to general condition No. 5 listed above will suffice during the life of this permit.
7. Pursuant to Regulation 401 KAR 50:035, Permits, Section 7(2)(b), the permittee shall certify compliance with the terms and conditions contained in this permit, annually on the permit issuance anniversary date by completing and returning a Compliance Certification Form (DEP 7007CC) or an approved alternative to the Division for Air Quality's London Regional Office and the U.S. EPA in accordance with the following requirements:
 - a) Identification of each term or condition of the permit that is the basis of the certification;
 - b) The compliance status regarding each term or condition of the permit;
 - c) Whether compliance was continuous or intermittent; and
 - d) The method used for determining the compliance status for the source, currently and over the reporting period, pursuant to 401 KAR 50:035, Section 7(1)(c), (d), and (e).
 - e) Other facts the Division may require to determine the compliance status of the source; and
 - f) The certification shall be postmarked by the thirtieth (30) day following the applicable permit issuance anniversary date.

SECTION F - MONITORING, RECORD KEEPING, AND REPORTING REQUIREMENTS (continued)

Annual compliance certifications should be mailed to the following addresses:

Division for Air Quality
London Regional Office
85 State Police Road
Reg. St. Office Bldg.
London, Kentucky 40741-9008

U.S. EPA Region IV
Air Enforcement Branch
Atlanta Federal Center
61 Forsyth St.
Atlanta, Georgia 30303-8960

Division for Air Quality
Central Files
803 Schenkel Lane
Frankfort, Kentucky 40601

8. In accordance with Regulation 401 KAR 50:035, Section 23, the permittee shall provide the division with all information necessary to determine its subject emissions within thirty (30) days of the date the KYEIS emission report is mailed to the permittee.
9. Pursuant to Section VII.3 of the policy manual of the Division for Air Quality as referenced by Regulation 401 KAR 50:016, Section 1(1), results of any performance test shall be submitted to the Division by the source or its representative within forty-five days after the completion of the fieldwork.

SECTION G - GENERAL CONDITIONS

(a) General Compliance Requirements

1. The permittee shall comply with all conditions of this permit. A noncompliance shall be (a) violation(s) of state regulation 401 KAR 50:035, Permits, Section 7(3)(d) and Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) and is grounds for enforcement action including but not limited to the termination, revocation and reissuance, or revision of this permit.
2. The filing of a request by the permittee for any permit revision, revocation, reissuance, or termination, or of a notification of a planned change or anticipated noncompliance, shall not stay any permit condition.
3. This permit may be revised, revoked, reopened and reissued, or terminated for cause. The permit will be reopened for cause and revised accordingly under the following circumstances:
 - a) If additional applicable requirements become applicable to the source and the remaining permit term is three (3) years or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the permit is due to expire, unless this permit or any of its terms and conditions have been extended pursuant to Regulation 401 KAR 50:035, Section 12(2)(c);
 - b) The Cabinet or the U. S. EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.;
 - c) The Cabinet or the U. S. EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit;

Proceedings to reopen and reissue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable. Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division, at least thirty (30) days in advance of the date the permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.

4. The permittee shall furnish to the Division, in writing, information that the Division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.
5. The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to the permitting authority. The permittee shall also provide additional information as necessary to address any requirement that becomes applicable to the source after the date a complete permit application was submitted but prior to the release of the draft permit.

SECTION G - GENERAL CONDITIONS (continued)

6. Any condition or portion of this permit which becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this permit.
7. The permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance.
8. Except as identified as state-origin requirements in this permit, all terms and conditions contained herein shall be enforceable by the United States Environmental Protection Agency and citizens of the United States.
9. This permit shall be subject to suspension if the permittee fails to pay all emissions fees within 90 days after the date of notice as specified in regulation 401 KAR 50:038, Section 3(6).
10. Nothing in this permit shall alter or affect the liability of the permittee for any violation of applicable requirements prior to or at the time of permit issuance.
11. This permit shall not convey property rights or exclusive privileges.
12. Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Cabinet for Natural Resources and Environmental Protection or any other federal, state, or local agency.
13. Nothing in this permit shall alter or affect the authority of U.S. EPA to obtain information pursuant to Federal Statute 42 USC 7414, Inspections, monitoring, and entry.
14. Nothing in this permit shall alter or affect the authority of U.S. EPA to impose emergency orders pursuant to Federal Statute 42 USC 7603, Emergency orders.
15. Permit Shield: Except as provided in State Regulation 401 KAR 50:035, Permits, compliance by the affected facilities listed herein with the conditions of this permit shall be deemed to be compliance with all applicable requirements identified in this permit as of the date of issuance of this permit.
16. All previous permits issued to this source at this location are hereby null and void.

(b) Permit Expiration and Reapplication Requirements

1. This permit shall remain in effect for a fixed term of five (5) years following the original date of issue. Permit expiration shall terminate the source's right to operate unless a timely and complete renewal application has been submitted to the Division at least six months prior to the expiration date of the permit. Upon a timely and complete submittal, the authorization to operate within the terms and conditions of this permit, including any permit shield, shall remain in effect beyond the expiration date, until the renewal permit is issued or denied by the Division.

SECTION G - GENERAL CONDITIONS (continued)

c) Permit Revisions

1. A minor permit revision procedure may be used for permit revisions involving the use of economic incentive, marketable permit, emission trading, and other similar approaches, to the extent that these minor permit revision procedures are explicitly provided for in the SIP or in applicable requirements and meet the relevant requirements of Regulation 401 KAR 50:035, Section 15.
2. This permit is not transferable by the permittee. Future owners and operators shall obtain a new permit from the Division for Air Quality. The new permit may be processed as an administrative amendment if no other change in this permit is necessary, and provided that a written agreement containing a specific date for transfer of permit responsibility coverage and liability between the current and new permittee has been submitted to the permitting authority thirty (30) days in advance of the transfer.

(d) Construction, Start-Up, and Initial Certification Requirements: None

(e) Acid Rain Program Requirements

1. If an applicable requirement of Federal Statute 42 USC 7401 through 7671q (the Clean Air Act) is more stringent than an applicable requirement promulgated pursuant to Federal Statute 42 USC 7651 through 7651o (Title IV of the Act), both provisions shall apply, and both shall be state and federally enforceable.

(f) Emergency Provisions

1. An emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the permittee demonstrates through properly signed contemporaneous operating logs or other relevant evidence that:
 - i) An emergency occurred and the permittee can identify the cause of the emergency;
 - ii) The permitted facility was at the time being properly operated;
 - iii) During an emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements in the permit; and,
 - iv) The permittee notified the Division as promptly as possible and submitted written notice of the emergency to the Division within two working days after the time when emission limitations were exceeded due to the emergency. The notice shall meet the requirements of 401 KAR 50:035, Permits, Section 7(1)(e), and include a description of the emergency, steps taken to mitigate emissions, and the corrective actions taken. This requirement does not relieve the source of any other local, state or federal notification requirements.
2. Emergency conditions listed in General Condition (f)1 above are in addition to any emergency or upset provision(s) contained in an applicable requirement.

SECTION G - GENERAL CONDITIONS (continued)

3. In an enforcement proceeding, the permittee seeking to establish the occurrence of an emergency shall have the burden of proof.

(g) Risk Management Provisions

1. The permittee shall comply with all applicable requirements of 40 CFR Part 68, Risk Management Plan provisions. If required, the permittee shall comply with the Risk Management Program and submit a Risk Management Plan to:
RMP Reporting Center
P.O. Box 3346
Merrifield, VA, 22116-3346
2. If requested, submit additional relevant information by the division or the U.S. EPA.

(h) Ozone-depleting substances

1. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:
 - a. Persons opening appliances for maintenance, service, repair, or disposal shall comply with the required practices contained in 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances shall comply with the standards for recycling and recovery equipment contained in 40 CFR 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances shall be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances (as defined at 40 CFR 82.152) shall comply with the recordkeeping requirements pursuant to 40 CFR 82.166.
 - e. Persons owning commercial or industrial process refrigeration equipment shall comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant shall keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.
2. If the permittee performs service on motor (fleet) vehicle air conditioners containing ozone-depleting substances, the source shall comply with all applicable requirements as specified in 40 CFR 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

SECTION H - ALTERNATE OPERATING SCENARIOS

None

SECTION I - COMPLIANCE SCHEDULE

None